



**Listing of Claims:**

1. (Previously amended) A method for amplifying a target DNA fragment comprising:

providing a PCR primer that comprises a compound at the 5' terminus, said compound selected from a group consisting of LC-Red 705, an amino group, a phosphate group, DIG, DNP, TAMRA, Texas-Red, ROX, XRITC, rhodamine, LC-Red 640, a mercapto group, psoralen, cholesterol, FITC, 6-FAM, TET, cy3, cy5, BODIPY 564/570, BODIPY 500/510, BODIPY 530/550, BODIPY 581/591; and

amplifying said target DNA fragment via PCR using said PCR primer.

Claims 2-3 (Previously Canceled)

4. (Previously amended) The method according to claim 1, wherein said PCR is either one of asymmetric PCR and degenerate PCR.

Claims 5-8 (Currently Canceled)

9. (Previously Presented) A method for amplifying a target DNA fragment comprising:  
providing a PCR primer that comprises biotin at the 5' terminus; and  
amplifying said target DNA fragment via PCR using the PCR primer;  
wherein said PCR is either one of asymmetric PCR and degenerate PCR.

Claims 10-11 (Currently Canceled)